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Claims

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We claim:

1. A composition comprising a tissue glue and, retained in the glue, in particulate form, a radiotherapeutic agent or agent convertible to a radiotherapeutic, whose therapeutic effect is mediated locally, on degradation of the glue.

- 2. The composition according to daim 1, which additionally comprises a material that accelerates degradation of the glue,
- 3. The composition according to claim 2, wherein the glue is proteinaceous and said material is proteolytic.
- 4. The composition according to claim 1, which additionally comprises a material that inhibits degradation of the glue.
- 5. The composition according to claim 1, wherein the agent is in the form of a chelate holding a radioactive atom.
 - 6. The composition according to claim 1, wherein the agent is a ferrite.
- The composition according to claim 1, which additionally comprises a radiation sensitizer capable of leaching out and augmenting the local radiotherapeutic effect.
- 8. The composition according to claim 1, which additionally comprises a growth factor or other substance that mitigates the anti-wound-healing effect of radiation.
- 9. The composition according to claim 1, wherein the agent comprises a zincsubstituted vttrium ferrite, or a ⁵⁶Fe-enriched ferrite. 2
- 10. The composition according to claim 1, wherein the agent comprises ¹⁰³Pd or 1 ⁹⁰Y. 2

1	11. A method for the radiotherapy of a tumor, which comprises applying to the
2	tumor an effective amount of a composition as defined in claim 1.
1	12. The method of claim 11, wherein the radiotherapy of a tumor comprises
2	brachytherapy.
12	13. A composition comprising an antibody, a particulate radionuclide and a fibrinogen tissue glue.
1 2	14. The composition according to claim 13, wherein the particulate radionuclide is a β -emitting ferrite.
1 2	15. The composition according to claim 13, wherein the particulate radionuclide is coupled to the antibody.
1 2	16. The composition according to claim 15, wherein the antibody is a nerve adhesion molecule.
1	17. A method for making a radiotherapeutic composition comprising an antibody,
21 V	a particulate radionuclide and a fibringgen tissue glue which comprises:
h	(a) preparing a particulate radionuclide; and(b) mixing the particulate radionuclide with the fibrinogen tissue glue and the
	antibody.
1	18. A method of using a radiotherapeutic composition comprising an antibody, a
2	particulate radionuclide and a fibrinogen tissue glue which comprises applying the
3	composition directly to tumor tissue.
1	19. A method of radiation synovectomy which comprises administering an
2	effective amount of a composition of claim 1 to a patient to be treated.
1	20. A method of radiotherapy in the treatment of arterio-venous malformations in
2	a blood vessel which comprises applying to the blood vessel a composition as defined in

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claim 1/.